

FIG. 1

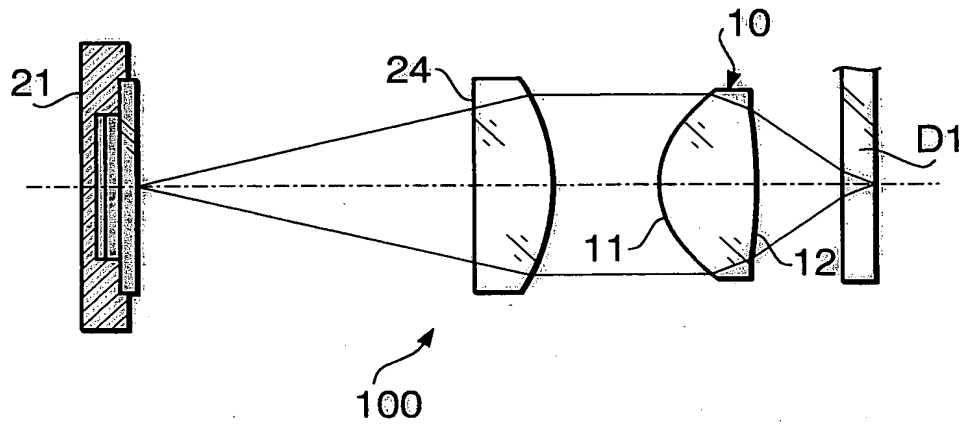
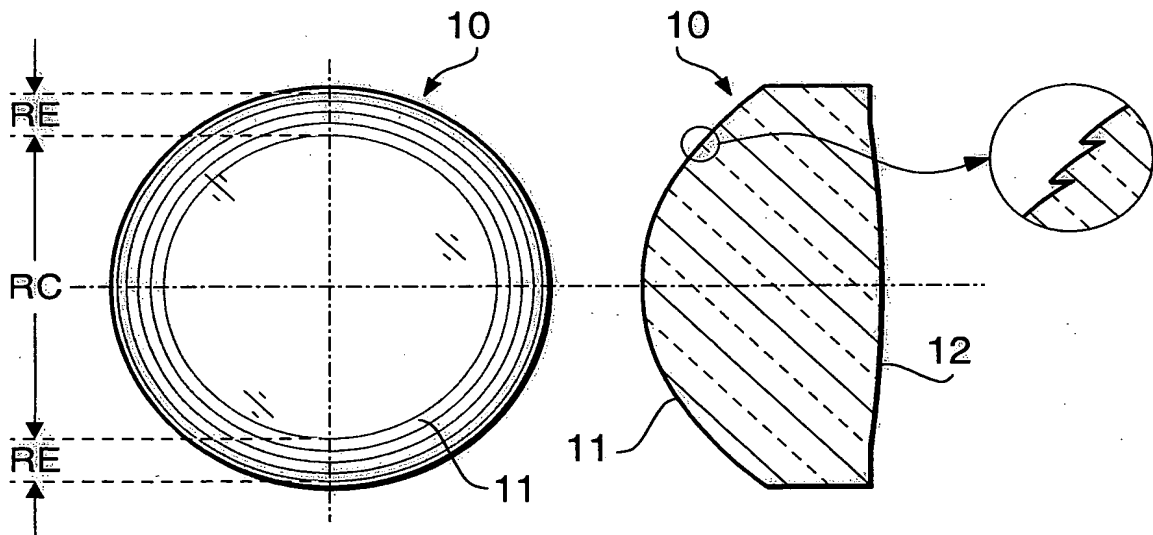


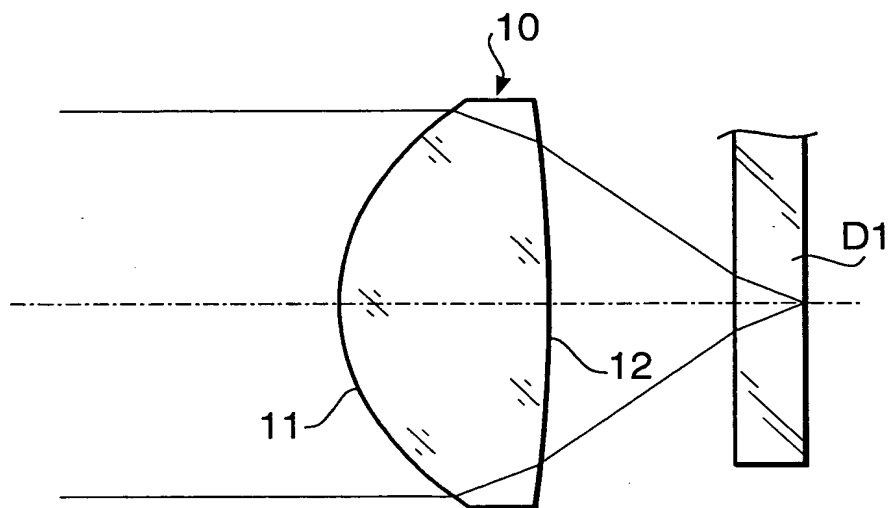
FIG.2A

FIG.2B

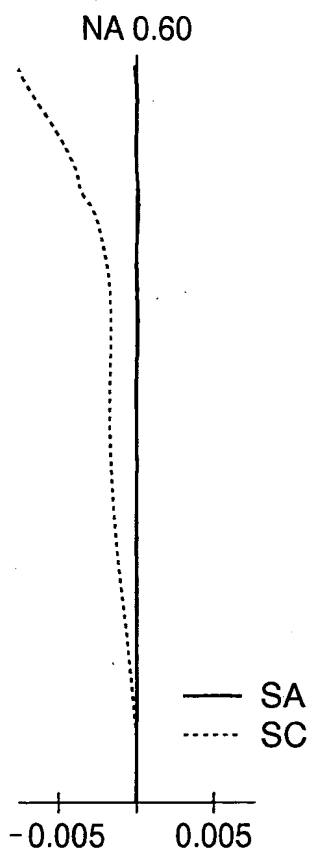
FIG.2C



# FIG. 3

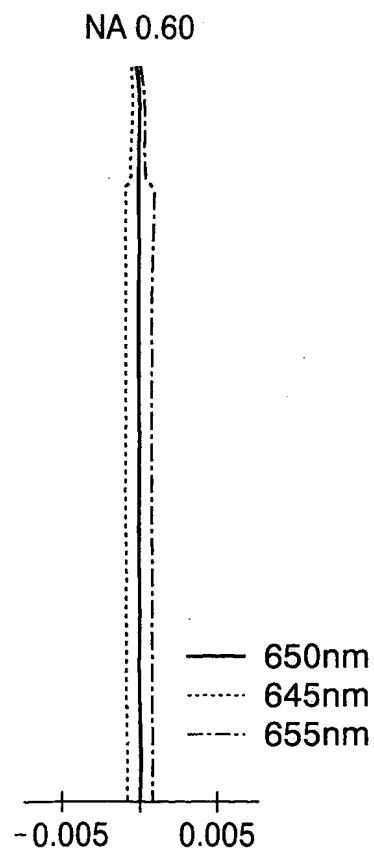


# FIG.4A



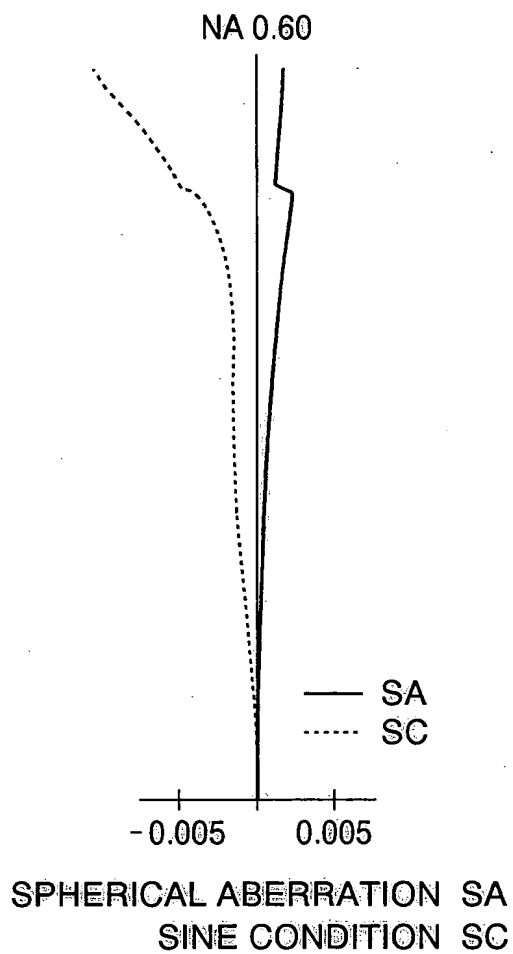
SPHERICAL ABERRATION SA  
SINE CONDITION SC

# FIG.4B

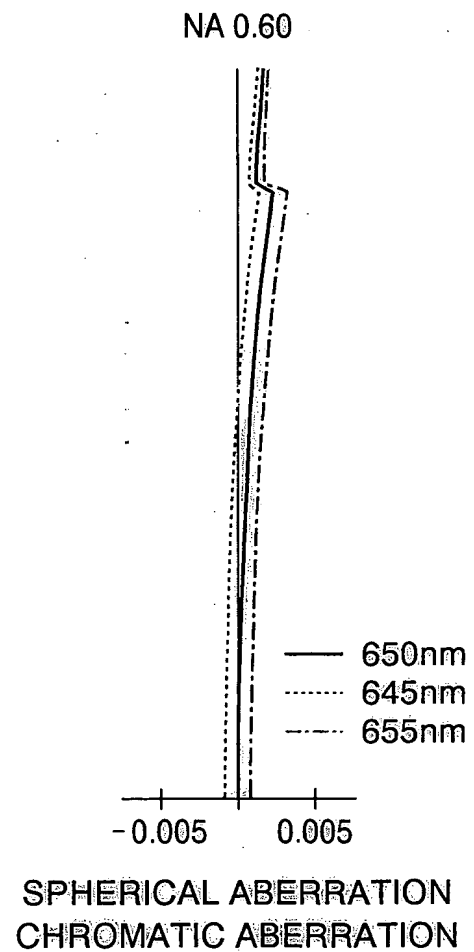


SPHERICAL ABERRATION  
CHROMATIC ABERRATION

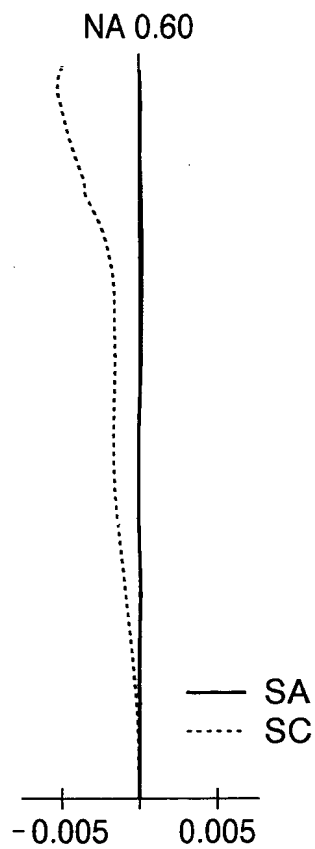
# FIG.5A



# FIG.5B

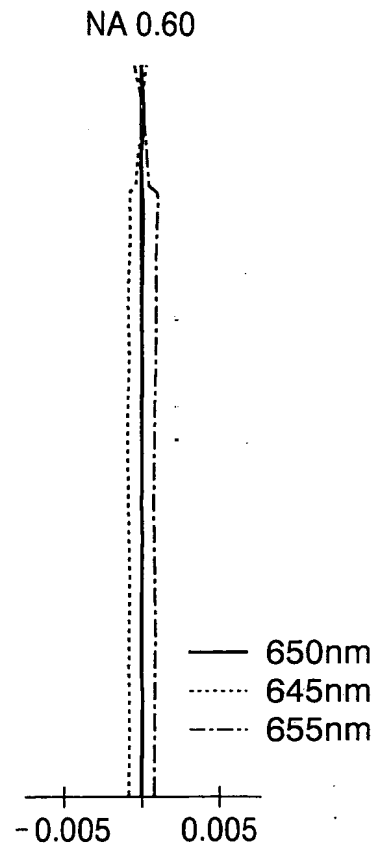


# FIG.6A



SPHERICAL ABERRATION SA  
SINE CONDITION SC

# FIG.6B



SPHERICAL ABERRATION  
CHROMATIC ABERRATION

FIG. 7A

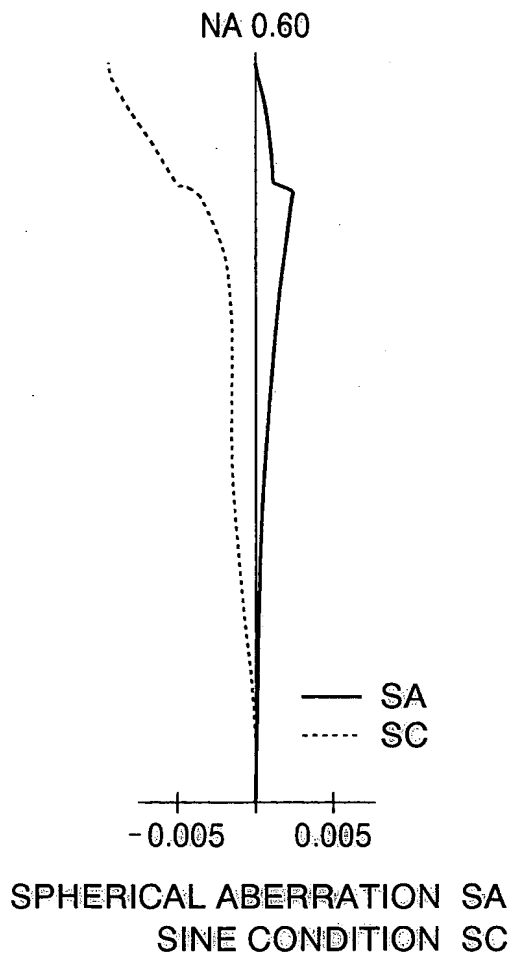


FIG. 7B

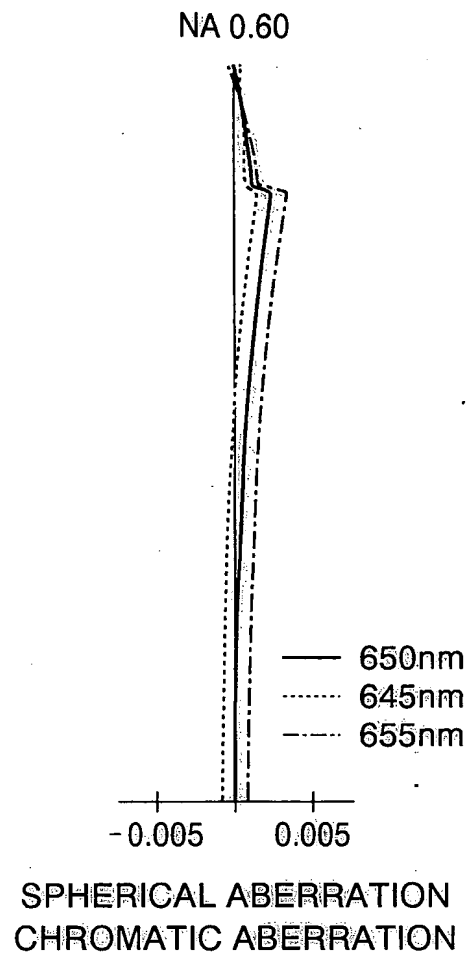
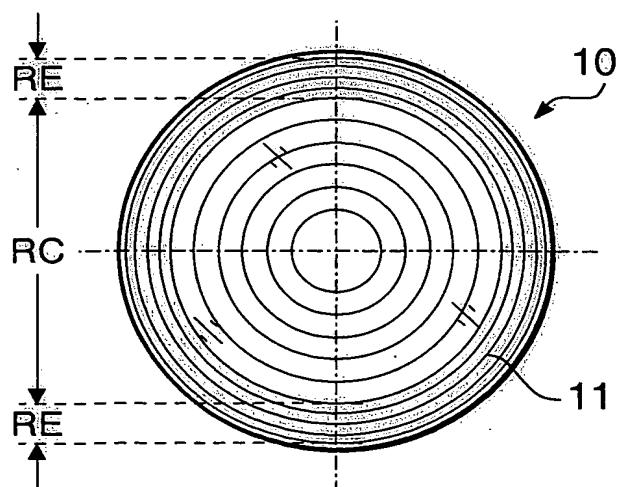
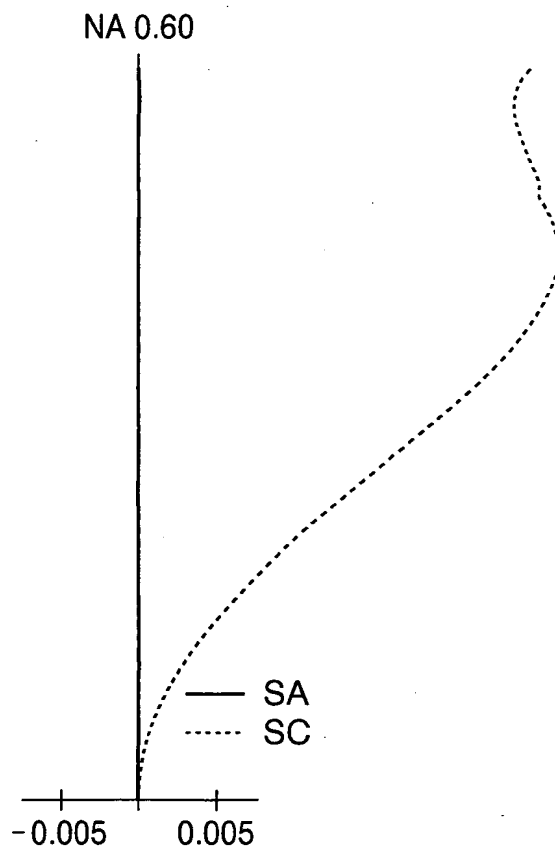


FIG. 8

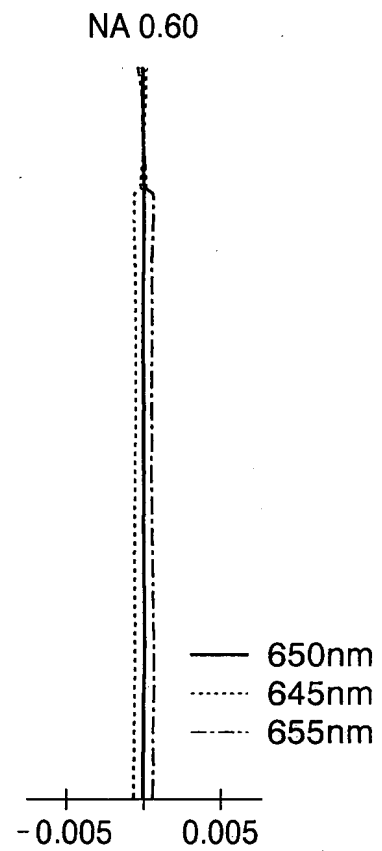


# FIG.9A



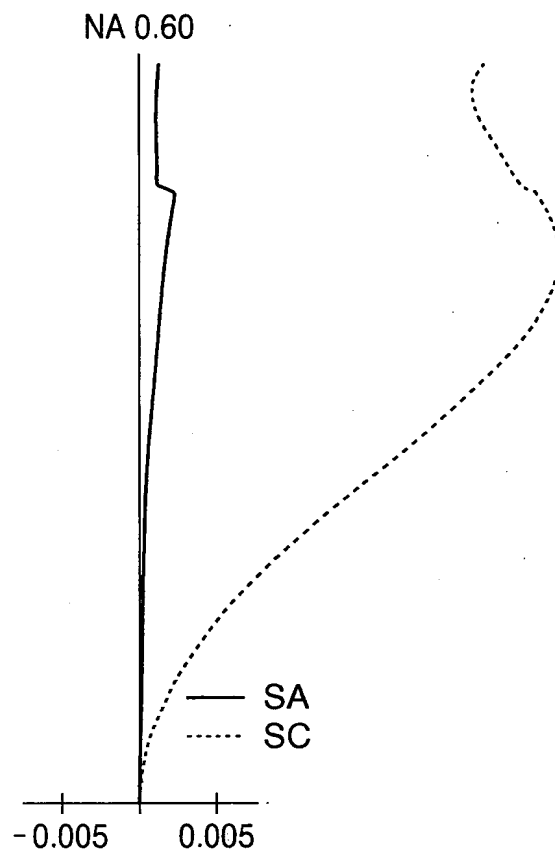
SPHERICAL ABERRATION SA  
SINE CONDITION SC

# FIG.9B



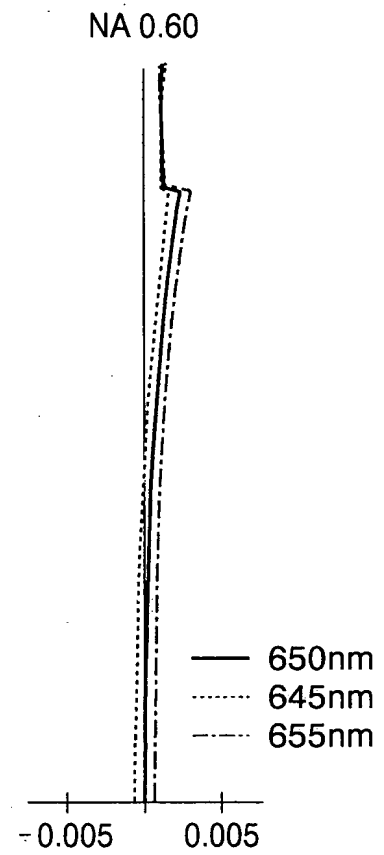
SPHERICAL ABERRATION  
CHROMATIC ABERRATION

# FIG.10A



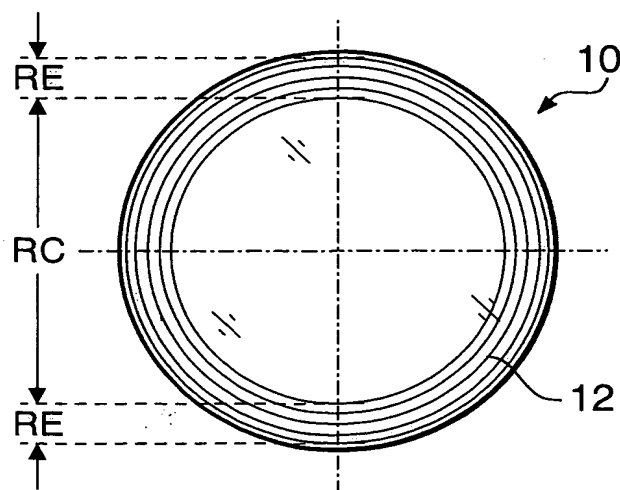
SPHERICAL ABERRATION SA  
SINE CONDITION SC

# FIG.10B

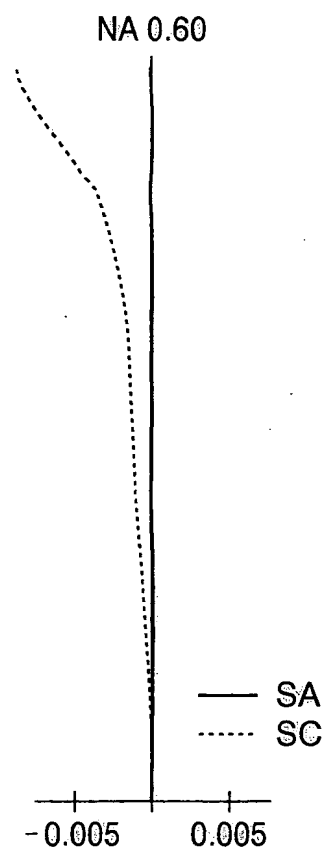


SPHERICAL ABERRATION  
CHROMATIC ABERRATION

# FIG.11

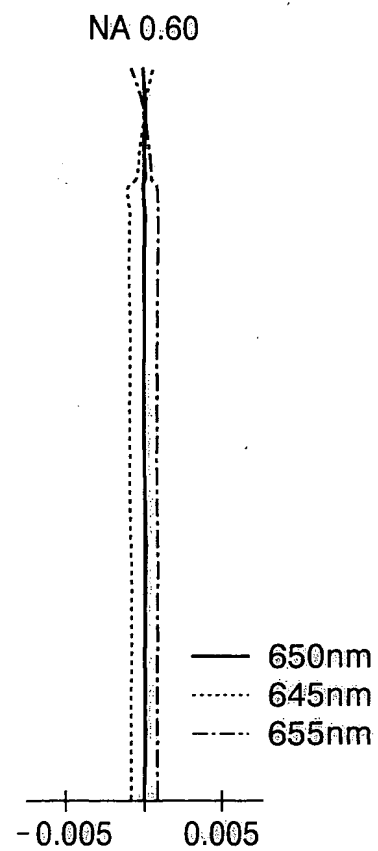


# FIG.12A



SPHERICAL ABERRATION SA  
 SINE CONDITION SC

# FIG.12B



SPHERICAL ABERRATION  
 CHROMATIC ABERRATION



FIG.13A

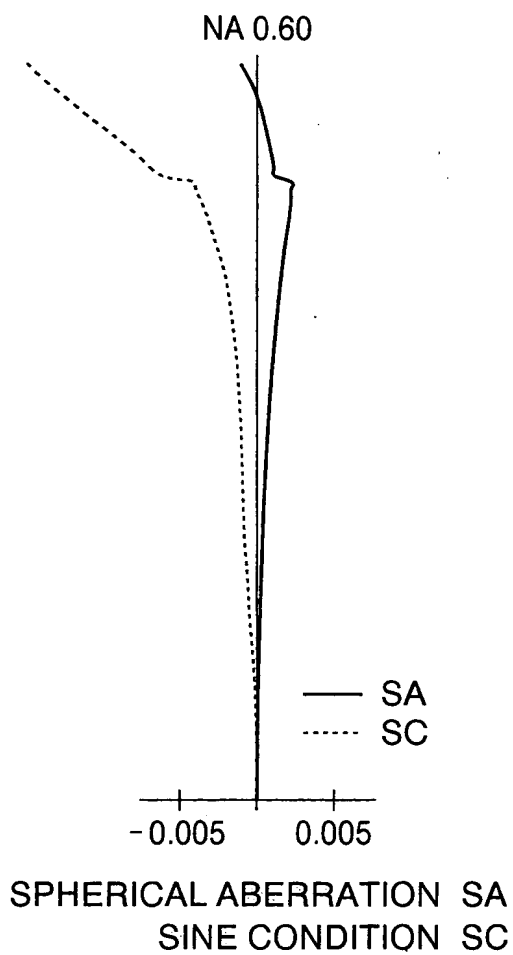
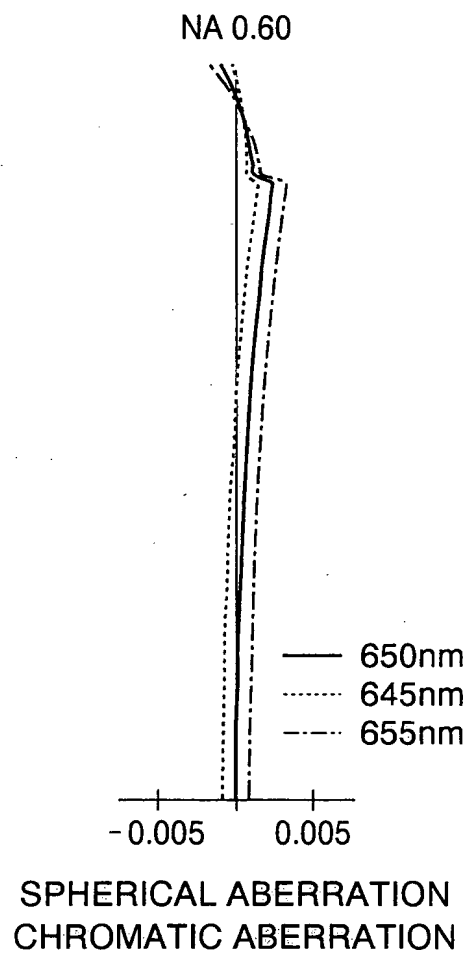
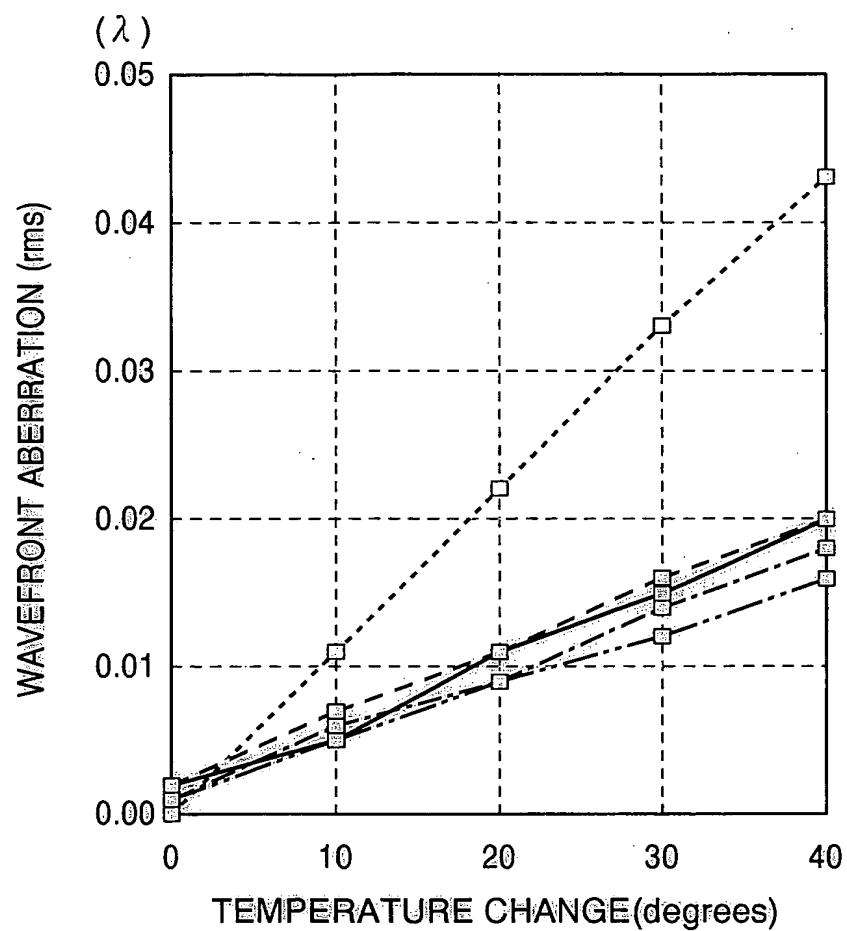


FIG.13B



# FIG.14



- 1ST EMBODIMENT
- .-.-.- 2ND EMBODIMENT
- 3RD EMBODIMENT
- 4TH EMBODIMENT
- ..... COMPARATIVE EXAMPLE

FIG.15

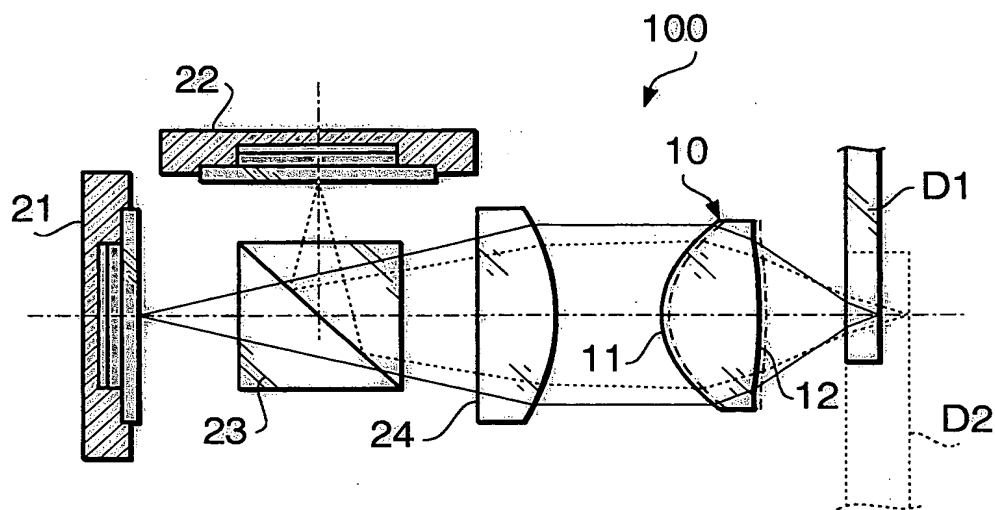


FIG.16

